

|   |    |  |           |                                  |                                |                          |                               |
|---|----|--|-----------|----------------------------------|--------------------------------|--------------------------|-------------------------------|
| Form PTO 1449<br>(Modified)   |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE   |           | ATTY DOCKET NO.<br>209794US0     |                                | SERIAL NO.<br>10/024,197 |                               |
| LIST OF REFERENCES CITED BY APPLICANT                                   |    |  |           | APPLICANT<br>William M. CANFIELD |                                |                          |                               |
| FEB 21 2002<br>PATENT & TRADEMARK OFFICE                                |    |  |           | FILING DATE<br>December 21, 2001 |                                | GROUP<br>1652            |                               |
| U.S. PATENT DOCUMENTS   |    |  |           |                                  |                                |                          |                               |
| EXAMINER<br>INITIAL   |    | DOCUMENT<br>NUMBER   | DATE      | NAME                             | CLASS                          | SUB<br>CLASS             | FILING DATE<br>IF APPROPRIATE |
| ES  | AA | 6,118,045  | 09/12/045 | REUSER ET AL                     |                                |                          |                               |
|   | AB | 5,939,279  | 08/17/99  | SMITH                            |                                |                          |                               |
|   | AC | 5,932,211  | 08/03/99  | WILSON ET AL                     |                                |                          |                               |
|   | AD | 5,929,036  | 07/27/99  | McEVER                           |                                |                          |                               |
|   | AE | 5,928,928  | 07/27/99  | AERTS                            |                                |                          |                               |
|   | AF | 5,919,913  | 07/06/99  | NUYENS ET AL                     |                                |                          |                               |
|   | AG | 5,919,690  | 07/06/99  | KNAP ET AL                       |                                |                          |                               |
|   | AH | 5,917,122  | 06/29,99  | BYRNE                            |                                |                          |                               |
|   | AI | 5,916,911  | 06/29/99  | SHAYMAN EET AL                   |                                |                          |                               |
|   | AJ | 5,916,870  | 06/29/99  | LEE ET AL                        |                                |                          |                               |
|   | AK | 5,914,231  | 06/22/99  | HENNINK ET AL                    |                                |                          |                               |
|   | AL | 5,912,146  | 06/15/99  | NISHIMURA ET AL                  |                                |                          |                               |
|   | AM | 5,911,704  | 06/15/99  | HUMES                            |                                |                          |                               |
|   | AN | 5,906,817  | 05/25/99  | MOULLIER ET AL                   |                                |                          |                               |
| FOREIGN PATENT DOCUMENTS  |    |  |           |                                  |                                |                          |                               |
|   |    | DOCUMENT<br>NUMBER   | DATE      | COUNTRY                          | TRANSLATION<br>YES NO          |                          |                               |
|   | AO |  |           |                                  |                                |                          |                               |
|   | AP |  |           |                                  |                                |                          |                               |
|   | AQ |  |           |                                  |                                |                          |                               |
|   | AR |  |           |                                  |                                |                          |                               |
|   | AS |  |           |                                  |                                |                          |                               |
|   | AT |  |           |                                  |                                |                          |                               |
|   | AU |  |           |                                  |                                |                          |                               |
|   | AV |  |           |                                  |                                |                          |                               |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) |    |  |           |                                  |                                |                          |                               |
| ES  | AW | Alan D. Elbein et al, "KIFUNENSINE, A POTENT INHIBITOR OF THE GLYCOPROTEIN PROCESSING MANNOSIDASE I", The Journal of Biological Chemistry, Vol. 265, No. 26, Issue of September 15, pp. 15599-15605, 1990. |           |                                  |                                |                          |                               |
| E   | AX | SLY, "The Missing Link in Lysosomal Enzyme Targeting", The Journal of Clinical Investigation, Vol. 105, No. 5, Pages 563-564, March 2000   |           |                                  |                                |                          |                               |
| ES  | AY | Raas-Rothschild et al., "Molecular Basis of Variant Pseudo-Hurler Polydystrophy (Mucopolipidosis IIIC)", The Journal of Clinical Investigation, Vol, 105, No. 5, pp. 673-681, March 2000                   |           |                                  |                                |                          |                               |
| ES  | AZ | Bao et al., "Bovine Udp-N-Acetylglucosamine: Lysosomal-Enzyme N-Acetylglucosamine-1- Phosphotransferase", The Journal of Biological Chemistry, Vol, 271, No. 49, pp. 31446-31451, December 6, 1996         |           |                                  |                                |                          |                               |
| Examiner <i>E. Slobodyan</i>  |    |  |           |                                  | Date Considered <i>5/11/03</i> |                          |                               |

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Form PTO 1449<br>(Modified)   |                          | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE  |          | ATTY DOCKET NO.<br>209794US0     |                               | SERIAL NO.<br>10/024,197 |                               |
|---|--------------------------|---|----------|----------------------------------|-------------------------------|--------------------------|-------------------------------|
| LIST OF REFERENCES CITED BY APPLICANT                                   |                          |   |          | APPLICANT<br>William M. CANFIELD |                               |                          |                               |
|   |                          |   |          | FILING DATE<br>DECEMBER 21, 2001 |                               | GROUP<br>1652            |                               |
| U.S. PATENT DOCUMENTS   |                          |   |          |                                  |                               |                          |                               |
| EXAMINER<br>INITIAL   |                          | DOCUMENT<br>NUMBER  | DATE     | NAME                             | CLASS                         | SUB<br>CLASS             | FILING DATE<br>IF APPROPRIATE |
| ES  | BA                       | 5,895,833   | 04/20/99 | BERG                             |                               |                          |                               |
|   | BB                       | 5,879,937   | 03/09/99 | RONCAROLO                        |                               |                          |                               |
|   | BC                       | 5,874,297   | 02/23/99 | WU ET AL                         |                               |                          |                               |
|   | BD                       | 5,871,946   | 02/16/99 | LUCAS ET AL                      |                               |                          |                               |
|   | BE                       | 5,861,491   | 01/19/99 | NUIJENS ET AL                    |                               |                          |                               |
|   | BF                       | 5,858,755   | 01/12/99 | LOWE                             |                               |                          |                               |
|   | BG                       | 5,858,744   | 01/12/00 | BAUM ET AL                       |                               |                          |                               |
|   | BH                       | 5,858,351   | 01/12/99 | PODSAKOFF ET AL                  |                               |                          |                               |
|   | BI                       | 5,854,207   | 12/29/98 | LEE ET AL                        |                               |                          |                               |
|   | BJ                       | 5,851,782   | 12/22/98 | HANNUN ET AL                     |                               |                          |                               |
|   | BK                       | 5,849,885   | 12/15/98 | NUYENS ET AL                     |                               |                          |                               |
|   | BL                       | 5,840,578   | 11/24/98 | DESNICK                          |                               |                          |                               |
|   | BM                       | 5,830,916   | 11/03/98 | HANNUM ET AL                     |                               |                          |                               |
|   | BN                       | 5,830,850   | 11/03/98 | GELB ET AL                       |                               |                          |                               |
|   | FOREIGN PATENT DOCUMENTS |   |          |                                  |                               |                          |                               |
|   |                          | DOCUMENT<br>NUMBER  | DATE     | COUNTRY                          | TRANSLATION<br>YES NO         |                          |                               |
|   | BO                       |   |          |                                  |                               |                          |                               |
|   | BP                       |   |          |                                  |                               |                          |                               |
|   | BQ                       |   |          |                                  |                               |                          |                               |
|   | BR                       |   |          |                                  |                               |                          |                               |
|   | BS                       |   |          |                                  |                               |                          |                               |
|   | BT                       |   |          |                                  |                               |                          |                               |
|   | BU                       |   |          |                                  |                               |                          |                               |
|   | BV                       |   |          |                                  |                               |                          |                               |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) |                          |   |          |                                  |                               |                          |                               |
| ES  | BW                       | KORNFIELD, "Purification and Multimeric Structure of Bovine N-Acetylglucosamine-1-Phosphodiester $\alpha$ -N-Acetylglucosaminidase", The Journal of Biological Chemistry, Vol. 273, No. 36, pp. 23203-23210, September 4, 1998  |          |                                  |                               |                          |                               |
| ES  | BX                       | BethAnn FRIEDMAN, "A Comparison of the Pharmacological Properties of Carbohydrate Remodeled Recombinant and Placental-Derived $\beta$ -Glucocerebrosidase: Implications for Clinical Efficacy in Treatment of Gaucher Disease", Blood, Vol. 93, No. 9 (May 1, 1999), pp 2807-2816 |          |                                  |                               |                          |                               |
|   | BY                       |   |          |                                  |                               |                          |                               |
|   | BZ                       |   |          |                                  |                               |                          |                               |
| Examiner <i>E. Slobodyarsky</i>   |                          |   |          |                                  | Date Considered <i>5/1/03</i> |                          |                               |

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
209794US0SERIAL NO.  
10/024,197

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

William M. CANFIELD

FILING DATE  
December 21, 2001

GROUP

1652

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE     | NAME           | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|----------|----------------|-------|--------------|-------------------------------|
| ES                  | CA | 5,830,711          | 11/03/98 | BARANY ET AL   |       |              |                               |
|                     | CB | 5,807,943          | 09/15/98 | LEE ET AL      |       |              |                               |
|                     | CC | 5,798,448          | 08/25/98 | CARAS ET AL    |       |              |                               |
|                     | CD | 5,798,239          | 08/25/98 | WILSON ET AL   |       |              |                               |
|                     | CE | 5,792,647          | 08/11/98 | ROSEMAN ET AL  |       |              |                               |
|                     | CF | 5,773,236          | 06/30/98 | DIWU ET AL     |       |              |                               |
|                     | CG | 5,759,775          | 06/02/98 | CARAS ET AL    |       |              |                               |
|                     | CH | 5,750,172          | 05/12/98 | MEADE ET AL    |       |              |                               |
|                     | CI | 5,741,957          | 04/21/98 | DEBOER ET AL   |       |              |                               |
|                     | CJ | 5,736,360          | 04/07/98 | GAULTON ET AL  |       |              |                               |
|                     | CK | 5,728,381          | 03/17/98 | WILSON ET AL   |       |              |                               |
|                     | CL | 5,723,585          | 03/03/98 | BAKER ET AL    |       |              |                               |
|                     | CM | 5,721,367          | 02/24/98 | KAY ET AL      |       |              |                               |
| ES                  | CN | 5,719,031          | 02/17/98 | HAUGLAND ET AL |       |              |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | TRANSLATION<br>YES NO |
|--|----|--------------------|------|---------|-----------------------|
|  |    |                    |      |         |                       |
|  | CO |                    |      |         |                       |
|  | CQ |                    |      |         |                       |
|  | CR |                    |      |         |                       |
|  | CS |                    |      |         |                       |
|  | CT |                    |      |         |                       |
|  | CU |                    |      |         |                       |
|  | CV |                    |      |         |                       |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |  |
|--|----|--|
|  | CW |  |
|  | CX |  |
|  | CY |  |
|  | CZ |  |

Examiner

E. Stodolny

Date Considered

5/1/03

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Form PTO 1449<br>(Modified)   |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY DOCKET NO.<br>209794US0     |                               | SERIAL NO.<br>10/024,197 |                               |
|---|----|--|----------|----------------------------------|-------------------------------|--------------------------|-------------------------------|
| LIST OF REFERENCES CITED BY APPLICANT                                   |    |  |          | APPLICANT<br>William M. CANFIELD |                               |                          |                               |
|   |    |  |          | FILING DATE<br>December 21, 2001 |                               | GROUP<br>1652            |                               |
| U.S. PATENT DOCUMENTS   |    |  |          |                                  |                               |                          |                               |
| EXAMINER<br>INITIAL   |    | DOCUMENT<br>NUMBER   | DATE     | NAME                             | CLASS                         | SUB<br>CLASS             | FILING DATE<br>IF APPROPRIATE |
| <i>ES</i>   | DA | 5,716,614  | 02/10/98 | KATZ ET AL                       |                               |                          |                               |
|   | DB | 5,707,865  | 01/13/98 | KOHN ET AL                       |                               |                          |                               |
|   | DC | 5,704,910  | 06/06/98 | HUMES                            |                               |                          |                               |
|   | DD | 5,696,001  | 12/09/97 | HABENSTEIN                       |                               |                          |                               |
|   | DE | 5,693,622  | 12/02/97 | WOLFF ET AL                      |                               |                          |                               |
|   | DF | 5,691,181  | 11/25/97 | LOWE                             |                               |                          |                               |
|   | DG | 5,686,240  | 11/11/97 | SCHUCHMAN ET AL                  |                               |                          |                               |
|   | DH | 5,679,545  | 10/21/97 | BAKER ET AL                      |                               |                          |                               |
|   | DI | 5,665,366  | 09/09/97 | RAWLINGS ET AL                   |                               |                          |                               |
|   | DJ | 5,663,254  | 09/02/97 | LEE ET AL                        |                               |                          |                               |
|   | DK | 5,663,076  | 09/02/97 | ROSTOKER ET AL                   |                               |                          |                               |
|   | DL | 5,658,567  | 08/19/97 | CALHOUN ET AL                    |                               |                          |                               |
| <i>ES</i>   | DM | 5,648,335  | 07/15/97 | LEWIS ET AL                      |                               |                          |                               |
|   | DN | 5,648,229  | 07/15/97 | HABENSTEIN                       |                               |                          |                               |
| FOREIGN PATENT DOCUMENTS  |    |  |          |                                  |                               |                          |                               |
|   |    | DOCUMENT<br>NUMBER   | DATE     | COUNTRY                          | TRANSLATION<br>YES NO         |                          |                               |
|   | DO |  |          |                                  |                               |                          |                               |
|   | DP |  |          |                                  |                               |                          |                               |
|   | DQ |  |          |                                  |                               |                          |                               |
|   | DR |  |          |                                  |                               |                          |                               |
|   | DS |  |          |                                  |                               |                          |                               |
|   | DT |  |          |                                  |                               |                          |                               |
|   | DU |  |          |                                  |                               |                          |                               |
|   | DV |  |          |                                  |                               |                          |                               |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) |    |  |          |                                  |                               |                          |                               |
|   | DW |  |          |                                  |                               |                          |                               |
|   | DX |  |          |                                  |                               |                          |                               |
|   | DY |  |          |                                  |                               |                          |                               |
|   | DZ |  |          |                                  |                               |                          |                               |
| Examiner <i>E. Slobodyanetsky</i>                                       |    |  |          |                                  | Date Considered <i>5/1/03</i> |                          |                               |

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
209794US0SERIAL NO.  
10/024,197

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
William M. CANFIELDFILING DATE  
December 21, 2001GROUP  
1652

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE     | NAME           | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|----------|----------------|-------|--------------|-------------------------------|
| <i>ES</i>           | EA | 5,639,939          | 06/17/97 | McCUNE, III    |       |              |                               |
|                     | EB | 5,639,607          | 06/17/97 | DESNICK ET AL  |       |              |                               |
|                     | EC | 5,633,261          | 05/27/97 | DIME           |       |              |                               |
|                     | ED | 5,633,228          | 05/27/97 | LEWIS ET AL    |       |              |                               |
|                     | EE | 5,627,171          | 05/06/97 | PARK ET AL     |       |              |                               |
|                     | EF | 5,627,073          | 05/06/97 | BAKER ET AL    |       |              |                               |
|                     | EG | 5,624,806          | 04/29/97 | BAKER ET AL    |       |              |                               |
|                     | EH | 5,621,106          | 04/15/97 | DIME           |       |              |                               |
|                     | EI | 5,612,206          | 03/18/97 | VALERIO ET AL  |       |              |                               |
|                     | EJ | 5,585,247          | 12/17/96 | HABENSTEIN     |       |              |                               |
|                     | EK | 5,583,160          | 12/10/96 | IGARASHI ET AL |       |              |                               |
|                     | EL | 5,578,479          | 11/26/96 | LADERMAN ET AL |       |              |                               |
| <i>ES</i>           | EM | 5,576,424          | 11/19/96 | MAO ET AL      |       |              |                               |
|                     | EN | 5,571,893          | 11/05/96 | BAKER ET AL    |       |              |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | TRANSLATION<br>YES NO |
|--|----|--------------------|------|---------|-----------------------|
|  | EO |                    |      |         |                       |
|  | EP |                    |      |         |                       |
|  | EQ |                    |      |         |                       |
|  | ER |                    |      |         |                       |
|  | ES |                    |      |         |                       |
|  | ET |                    |      |         |                       |
|  | EU |                    |      |         |                       |
|  | EV |                    |      |         |                       |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |  |
|--|----|--|
|  | EW |  |
|  | EX |  |
|  | EY |  |
|  | EZ |  |


Examiner

*E. Slobodyan*

Date Considered

*5/1/03*

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Form PTO 1449<br>(Modified)   |                                 | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY DOCKET NO.<br>209794US0     |                               | SERIAL NO.<br>10/024,197 |                               |
|---|---------------------------------|--|----------|----------------------------------|-------------------------------|--------------------------|-------------------------------|
| LIST OF REFERENCES CITED BY APPLICANT<br><br><div style="text-align: center;">  </div>   |                                 |  |          | APPLICANT<br>William M. CANFIELD |                               |                          |                               |
|   |                                 |  |          | FILING DATE<br>December 21, 2001 |                               | GROUP<br>1652            |                               |
| <b>U.S. PATENT DOCUMENTS</b>  |                                 |  |          |                                  |                               |                          |                               |
| EXAMINER<br>INITIAL   |                                 | DOCUMENT<br>NUMBER   | DATE     | NAME                             | CLASS                         | SUB<br>CLASS             | FILING DATE<br>IF APPROPRIATE |
| E   | FA                              | 5,571,675  | 11/05/96 | BAKER ET AL                      |                               |                          |                               |
|   | FB                              | 5,569,648  | 10/29/96 | LEWIS ET AL                      |                               |                          |                               |
|   | FC                              | 5,565,362  | 10/15/96 | ROSEN                            |                               |                          |                               |
|   | FD                              | 5,554,366  | 09/10/96 | RAWLINGS ET AL                   |                               |                          |                               |
|   | FE                              | 5,545,402  | 08/13/96 | WATKINSON                        |                               |                          |                               |
|   | FF                              | 5,534,615  | 07/09/96 | BAKER ET AL                      |                               |                          |                               |
|   | FG                              | 5,512,471  | 04/30/96 | SMITH                            |                               |                          |                               |
|   | FH                              | 5,501,957  | 03/26/96 | DENNIS ET AL                     |                               |                          |                               |
|   | FI                              | 5,494,810  | 02/27/96 | BARANY ET AL                     |                               |                          |                               |
|   | FJ                              | 5,491,075  | 02/13/96 | DESNICK ET AL                    |                               |                          |                               |
|   | FK                              | 5,475,095  | 12/12/95 | MYEROWITZ                        |                               |                          |                               |
|   | FL                              | 5,466,809  | 11/14/95 | DIME                             |                               |                          |                               |
|   | FM                              | 5,449,604  | 09/12/95 | SCHELLENBERG ET AL               |                               |                          |                               |
|   | FN                              | 5,443,986  | 08/22/95 | HAUGHLAND ET AL                  |                               |                          |                               |
|   | <b>FOREIGN PATENT DOCUMENTS</b> |  |          |                                  |                               |                          |                               |
|   |                                 | DOCUMENT<br>NUMBER   | DATE     | COUNTRY                          | TRANSLATION<br>YES NO         |                          |                               |
|   | FO                              |  |          |                                  |                               |                          |                               |
|   | FP                              |  |          |                                  |                               |                          |                               |
|   | FQ                              |  |          |                                  |                               |                          |                               |
|   | FR                              |  |          |                                  |                               |                          |                               |
|   | FS                              |  |          |                                  |                               |                          |                               |
|   | FT                              |  |          |                                  |                               |                          |                               |
|   | FU                              |  |          |                                  |                               |                          |                               |
|   | FV                              |  |          |                                  |                               |                          |                               |
| <b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>  |                                 |  |          |                                  |                               |                          |                               |
|   | FW                              |  |          |                                  |                               |                          |                               |
|   | FX                              |  |          |                                  |                               |                          |                               |
|   | FY                              |  |          |                                  |                               |                          |                               |
|   | FZ                              |  |          |                                  |                               |                          |                               |
| Examiner <i>E. Stobody</i>  |                                 |  |          |                                  | Date Considered <i>5/1/03</i> |                          |                               |
| <small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small> |                                 |  |          |                                  |                               |                          |                               |

| Form PTO 1449<br>(Modified)   |                    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY DOCKET NO.<br>209794US0     |              | SERIAL NO.<br>10/024,197      |  |
|---|--------------------|--|----------|----------------------------------|--------------|-------------------------------|--|
| <div style="position: relative; height: 100px;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; line-height: 100px; font-size: 24px; font-weight: bold;"> O I P E<br/>FEB 21 2002<br/>PATENT &amp; TRADEMARK OFFICE </div> </div> |                    |  |          | APPLICANT<br>William M. CANFIELD |              |                               |  |
|   |                    |  |          | FILING DATE<br>December 21, 2001 |              | GROUP<br>1652                 |  |
| U.S. PATENT DOCUMENTS   |                    |  |          |                                  |              |                               |  |
| EXAMINER<br>INITIAL   | DOCUMENT<br>NUMBER | DATE   | NAME     | CLASS                            | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |  |
| S2  | GA                 | 5,439,935  | 08/08/95 | RAWLINGS ET AL                   |              |                               |  |
|   | GB                 | 5,433,946  | 07/18/95 | ALLEN, JR. ET AL                 |              |                               |  |
|   | GC                 | 5,420,112  | 05/30/95 | LEWIS ET AL                      |              |                               |  |
|   | GD                 | 5,405,751  | 04/11/95 | RONCAROLO                        |              |                               |  |
|   | GE                 | 5,382,524  | 01/17/95 | DESNICK ET AL                    |              |                               |  |
|   | GF                 | 5,366,883  | 11/22/94 | ASADA ET AL                      |              |                               |  |
|   | GG                 | 5,362,628  | 11/08/94 | HAUGLAND                         |              |                               |  |
|   | GH                 | 5,344,352  | 09/06/94 | HORNE ET AL                      |              |                               |  |
|   | GI                 | 5,316,906  | 05/31/94 | HAUGLAND ET AL                   |              |                               |  |
|   | GJ                 | 5,310,646  | 05/10/94 | WHITLEY                          |              |                               |  |
|   | GK                 | 5,296,365  | 03/22/94 | OVERBEEKE ET EA                  |              |                               |  |
|   | GL                 | 5,281,394  | 01/25/94 | HOLUB                            |              |                               |  |
|   | GM                 | 5,260,447  | 11/09/93 | NAKAJIMA ET AL                   |              |                               |  |
|   | GN                 | 5,242,805  | 09/07/93 | NALEWAY ET AL                    |              |                               |  |
| FOREIGN PATENT DOCUMENTS  |                    |  |          |                                  |              |                               |  |
|   | DOCUMENT<br>NUMBER | DATE   | COUNTRY  | TRANSLATION<br>YES NO            |              |                               |  |
|   | GO                 |  |          |                                  |              |                               |  |
|   | GP                 |  |          |                                  |              |                               |  |
|   | GQ                 |  |          |                                  |              |                               |  |
|   | GR                 |  |          |                                  |              |                               |  |
|   | GS                 |  |          |                                  |              |                               |  |
|   | GT                 |  |          |                                  |              |                               |  |
|   | GU                 |  |          |                                  |              |                               |  |
|   | GV                 |  |          |                                  |              |                               |  |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)   |                    |  |          |                                  |              |                               |  |
|   | GW                 |  |          |                                  |              |                               |  |
|   | GX                 |  |          |                                  |              |                               |  |
|   | GY                 |  |          |                                  |              |                               |  |
|   | GZ                 |  |          |                                  |              |                               |  |
| Examiner <i>E. Slobodyansky</i>   |                    |  |          | Date Considered <i>5/1/03</i>    |              |                               |  |
| <small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>   |                    |  |          |                                  |              |                               |  |

| Form PTO 1449<br>(Modified)  |                    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY DOCKET NO.<br>209794US0     |              | SERIAL NO.<br>10/024,197      |  |
|--|--------------------|--|----------|----------------------------------|--------------|-------------------------------|--|
| LIST OF REFERENCES CITED BY APPLICANT<br><div style="text-align: center; border: 1px solid black; border-radius: 50%; padding: 10px; width: 150px; margin: 0 auto;">           RECEIVED<br/>           FEB 21 2002<br/>           PATENT &amp; TRADEMARK OFFICE         </div> |                    |  |          | APPLICANT<br>William M. CANFIELD |              |                               |  |
|  |                    |  |          | FILING DATE<br>December 21, 2002 |              | GROUP<br>1652                 |  |
| U.S. PATENT DOCUMENTS  |                    |  |          |                                  |              |                               |  |
| EXAMINER<br>INITIAL  | DOCUMENT<br>NUMBER | DATE   | NAME     | CLASS                            | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |  |
|  | HA                 | 5,217,865  | 01/08/93 | MYEROWITZ                        |              |                               |  |
|  | HB                 | 5,208,148  | 05/04/93 | HAUGLAND ET AL                   |              |                               |  |
|  | HC                 | 5,205,917  | 04/27/93 | KLOCK, JR.                       |              |                               |  |
|  | HD                 | 5,179,023  | 01/12/93 | CALHOUN ET AL                    |              |                               |  |
|  | HE                 | 5,166,320  | 11/24/92 | WU ET AL                         |              |                               |  |
|  | HF                 | 5,143,841  | 09/01/92 | HIRABAYSHI ET AL                 |              |                               |  |
|  | HG                 | 5,126,247  | 06/30/92 | PALMER ET AL                     |              |                               |  |
|  | HH                 | 5,089,392  | 02/18/92 | MILLER ET AL                     |              |                               |  |
|  | HI                 | 5,802,778  | 01/21/92 | OVERBEEKE ET AL                  |              |                               |  |
|  | HJ                 | 5,077,200  | 12/31/91 | HABENSTEIN                       |              |                               |  |
|  | HK                 | 5,075,231  | 12/24/91 | MOREAU ET AL                     |              |                               |  |
|  | HL                 | 5,061,025  | 10/29/91 | MATTES ET AL                     |              |                               |  |
|  | HM                 | 5,060,428  | 10/29/91 | ARTHUR, JR. ET AL                |              |                               |  |
|  | HN                 | 5,015,470  | 05/14/91 | GIBSON                           |              |                               |  |
| FOREIGN PATENT DOCUMENTS   |                    |  |          |                                  |              |                               |  |
|  | DOCUMENT<br>NUMBER | DATE   | COUNTRY  | TRANSLATION<br>YES NO            |              |                               |  |
|  | HO                 |  |          |                                  |              |                               |  |
|  | HP                 |  |          |                                  |              |                               |  |
|  | HQ                 |  |          |                                  |              |                               |  |
|  | HR                 |  |          |                                  |              |                               |  |
|  | HS                 |  |          |                                  |              |                               |  |
|  | HT                 |  |          |                                  |              |                               |  |
|  | HU                 |  |          |                                  |              |                               |  |
|  | HV                 |  |          |                                  |              |                               |  |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)  |                    |  |          |                                  |              |                               |  |
|  | HW                 |  |          |                                  |              |                               |  |
|  | HX                 |  |          |                                  |              |                               |  |
|  | HY                 |  |          |                                  |              |                               |  |
|  | HZ                 |  |          |                                  |              |                               |  |
| Examiner <i>E. Slobodyanetsky</i>  |                    |  |          | Date Considered <i>5/7/03</i>    |              |                               |  |
| <small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>                    |                    |  |          |                                  |              |                               |  |



| Form PTO 1449<br>(Modified)   |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY DOCKET NO.<br>209794US0     |                           | SERIAL NO.<br>10/024,197 |                               |
|---|----|--|----------|----------------------------------|---------------------------|--------------------------|-------------------------------|
| LIST OF REFERENCES CITED BY APPLICANT                                   |    |  |          | APPLICANT<br>William M. CANFIELD |                           |                          |                               |
|   |    |  |          | FILING DATE<br>December 21, 2001 |                           | GROUP<br>1652            |                               |
| U.S. PATENT DOCUMENTS   |    |  |          |                                  |                           |                          |                               |
| EXAMINER<br>INITIAL   |    | DOCUMENT<br>NUMBER   | DATE     | NAME                             | CLASS                     | SUB<br>CLASS             | FILING DATE<br>IF APPROPRIATE |
| 28  | IA | 5,001,072  | 03/19/91 | OLSON                            |                           |                          |                               |
|   | IB | 4,997,760  | 03/05/91 | HIRABAYASHI ET AL                |                           |                          |                               |
|   | IC | 4,987,223  | 01/22/91 | CHOAY ET AL                      |                           |                          |                               |
|   | ID | 4,986,274  | 01/22/91 | STEPHENS                         |                           |                          |                               |
|   | IE | 4,981,801  | 01/01/91 | SUZUKI ET AL                     |                           |                          |                               |
|   | IF | 4,975,441  | 12/04/90 | GIBSON                           |                           |                          |                               |
|   | IG | 4,866,042  | 09/12/89 | NEUWELT                          |                           |                          |                               |
|   | IH | 4,851,390  | 07/25/89 | MORISHIGE                        |                           |                          |                               |
|   | II | 4,798,169  | 01/17/89 | ROSEN ET AL                      |                           |                          |                               |
|   | IJ | 4,749,570  | 06/07/88 | POZNANSKY                        |                           |                          |                               |
|   | IK | 4,659,817  | 04/21/87 | GALLOP ET AL                     |                           |                          |                               |
|   | IL | 4,639,420  | 01/27/87 | SCHAFFNER                        |                           |                          |                               |
|   | IM | 4,615,884  | 10/07/86 | HARSHMAN                         |                           |                          |                               |
|   | IN | 4,595,015  | 06/17/86 | JANSEN ET AL                     |                           |                          |                               |
| FOREIGN PATENT DOCUMENTS  |    |  |          |                                  |                           |                          |                               |
|   |    | DOCUMENT<br>NUMBER   | DATE     | COUNTRY                          | TRANSLATION<br>YES NO     |                          |                               |
|   | IO |  |          |                                  |                           |                          |                               |
|   | IP |  |          |                                  |                           |                          |                               |
|   | IQ |  |          |                                  |                           |                          |                               |
|   | IR |  |          |                                  |                           |                          |                               |
|   | IS |  |          |                                  |                           |                          |                               |
|   | IT |  |          |                                  |                           |                          |                               |
|   | IU |  |          |                                  |                           |                          |                               |
|   | IV |  |          |                                  |                           |                          |                               |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) |    |  |          |                                  |                           |                          |                               |
|   | IW |  |          |                                  |                           |                          |                               |
|   | IX |  |          |                                  |                           |                          |                               |
|   | IY |  |          |                                  |                           |                          |                               |
|   | IZ |  |          |                                  |                           |                          |                               |
| Examiner<br>E. Shodyan  |    |  |          |                                  | Date Considered<br>5/1/03 |                          |                               |

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

209794US0

SERIAL NO.

10/024,197

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

William M. CANFIELD

FILING DATE

December 21, 2001

GROUP

1602

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE     | NAME               | CLASS | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|----------|--------------------|-------|--------------|-------------------------------|
| <i>ES</i>           | JA | 4,496,722          | 01/29/85 | GALLOP ET AL       |       |              |                               |
|                     | JB | 4,492,761          | 01/08/85 | DURACK             |       |              |                               |
|                     | JC | 4,474,770          | 10/02/84 | LORMEAU ET AL      |       |              |                               |
|                     | JD | 4,452,794          | 06/05/84 | KORT ET AL         |       |              |                               |
|                     | JE | 4,433,946          | 02/28/84 | CHRISTIANSON ET AL |       |              |                               |
|                     | JF | 4,431,737          | 02/14/84 | OLIVIERI ET AL     |       |              |                               |
|                     | JG | 4,401,758          | 08/30/83 | LORMEAU ET AL      |       |              |                               |
|                     | JH | 4,401,662          | 08/30/83 | LORMEAU ET AL      |       |              |                               |
|                     | JI | 4,332,894          | 06/01/82 | WHISTLER           |       |              |                               |
|                     | JJ | 4,328,215          | 05/04/82 | BUEDING            |       |              |                               |
|                     | JK | 4,195,126          | 12/23/80 | HALL               |       |              |                               |
|                     | JL | 4,156,013          | 03/22/79 | BRUINVELS ET AL    |       |              |                               |
| <i>ES</i>           | JM | 4,140,107          | 02/20/79 | LANCEE ET AL       |       |              |                               |
|                     | JN | 3,972,777          | 08/03/76 | YAMADA ET AL       |       |              |                               |

## FOREIGN PATENT DOCUMENTS

|  | DOCUMENT<br>NUMBER | DATE | COUNTRY | TRANSLATION<br>YES | NO |
|--|--------------------|------|---------|--------------------|----|
|  | JO                 |      |         |                    |    |
|  | JP                 |      |         |                    |    |
|  | JQ                 |      |         |                    |    |
|  | JR                 |      |         |                    |    |
|  | JS                 |      |         |                    |    |
|  | JT                 |      |         |                    |    |
|  | JU                 |      |         |                    |    |
|  | JV                 |      |         |                    |    |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

|  |    |  |
|--|----|--|
|  | JW |  |
|  | JX |  |
|  | JY |  |
|  | JZ |  |

Examiner

*E. Slobodskoy*

Date Considered

*5/1/03*

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| Form PTO 1449<br>(Modified)   |    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |          | ATTY DOCKET NO.<br>209794US0     |                       | SERIAL NO.<br>10/024,197 |                               |
|---|----|--|----------|----------------------------------|-----------------------|--------------------------|-------------------------------|
| LIST OF REFERENCES CITED BY APPLICANT                                   |    |  |          | APPLICANT<br>William M. CANFIELD |                       |                          |                               |
|   |    |  |          | FILING DATE<br>December 21, 2001 |                       | GROUP<br>1652            |                               |
| U.S. PATENT DOCUMENTS   |    |  |          |                                  |                       |                          |                               |
| EXAMINER<br>INITIAL   |    | DOCUMENT<br>NUMBER   | DATE     | NAME                             | CLASS                 | SUB<br>CLASS             | FILING DATE<br>IF APPROPRIATE |
| 32  | AA | 3,966,555  | 06/29/76 | ARNAUD ET AL                     |                       |                          |                               |
|   | AB | 3,957,578  | 05/18/76 | NARITA ET AL                     |                       |                          |                               |
|   | AC | RE35,770   | 04/14/98 | LORMEAU ET AL                    |                       |                          |                               |
|   | AD | 5,773,278  | 06/30/98 | SCHUCHMAN ET AL                  |                       |                          |                               |
|   | AE | 5,798,366  | 08/25/98 | PLATT ET AL                      |                       |                          |                               |
|   | AF | 5,635,383  | 06/03/97 | WU ET AL                         |                       |                          |                               |
|   | AG | 5,968,502  | 10/19/99 | TRECO ET AL                      |                       |                          |                               |
|   | AH | 5,055,401  | 10/08/91 | LILJESTROEM ET AL                |                       |                          |                               |
|   | AI | 5,202,253  | 04/13/93 | ESMON ET AL                      |                       |                          |                               |
|   | AJ | 5,929,304  | 07/27/99 | RADIN ET AL                      |                       |                          |                               |
|   | AK | 5,580,757  | 12/03/96 | DESNICK ET AL                    |                       |                          |                               |
|   | AL | 5,356,804  | 10/18/94 | DESNICK ET AL                    |                       |                          |                               |
|   | AM | 5,401,650  | 03/28/95 | DESNICK ET AL                    | ✓                     | ✓                        |                               |
|   | AN |  |          |                                  |                       |                          |                               |
| FOREIGN PATENT DOCUMENTS  |    |  |          |                                  |                       |                          |                               |
|   |    | DOCUMENT<br>NUMBER   | DATE     | COUNTRY                          | TRANSLATION<br>YES NO |                          |                               |
|   | AO |  |          |                                  |                       |                          |                               |
|   | AP |  |          |                                  |                       |                          |                               |
|   | AQ |  |          |                                  |                       |                          |                               |
|   | AR |  |          |                                  |                       |                          |                               |
|   | AS |  |          |                                  |                       |                          |                               |
|   | AT |  |          |                                  |                       |                          |                               |
|   | AU |  |          |                                  |                       |                          |                               |
|   | AV |  |          |                                  |                       |                          |                               |
| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) |    |  |          |                                  |                       |                          |                               |
|   | AW |  |          |                                  |                       |                          |                               |
|   | AX |  |          |                                  |                       |                          |                               |
|   | AY |  |          |                                  |                       |                          |                               |
|   | AZ |  |          |                                  |                       |                          |                               |
| Examiner<br>E. Shobdyourky  |    |  |          | Date Considered<br>5/1/03        |                       |                          |                               |

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.